VIZIR,	D.I., kand.med.nauk [deceased]
Management of the same of the	Use of sulfanilamide hypoglycemic preparations in compound spa treatment of diabetes mellitus. Vrach delo no.6:58-60 Je '61. (MIRA 15:1)
100	1. Klinicheskiy sanatoriy "Koncha-Zapspa". (SULFONAMIDES) (DIABETES)
	Till the state of
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VLASYUK, P.A.; KLIMOVITSKAYA, Z.M.; VIZIR, K.L. Tole of the root system in the translocation and transformation of manganese in plants. Izv.AN SSSR. Ser.biol. no.6:865-873 N-D '60. (MIR. 13:11) 1. Academy of Agricultural Sciences of the Ukrainian S.S.R., Kiev. (ROOTS (BOTANY)) (PLANTS, MOTION OF FLUIDS IN) (MANGANESE)

THE RESERVE TO A STATE OF THE PROPERTY OF THE

VLASYUK, P.A.; KLIMOVITSKAYA, Z.M.; VIZIR, K.L.

国际联

Manganese distribution in some cellular structures of plants. Izv.AN SSSR.Ser.biol. no.3:368-378 My-Je '59. (MIRA 12:9)

1. The Ukrainian Research Institute of Plant Physiology, Kiev. (MANGANESE) (PIANTS-ASSIMILATION)

VIZIR, M.

VIZIR, M.

New documents on A.V.Suvorov and M.I.Kutuzov. Visnyk AN URSR 26 (MIRA 8:11) no.8:70-71 Ag'55.

(Suvorov, Aleksendr Vasil evich 1729-1800) (Kutuzov, Mikhail Illarionovich, 1745-1813)

VIZIR', P.Ye. [Vizir, P.IE.]

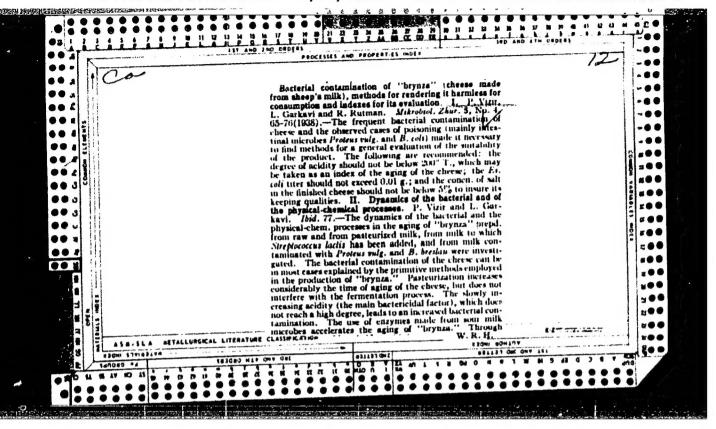
Cenetic ectivity of the chemical components of the bacterial cell.

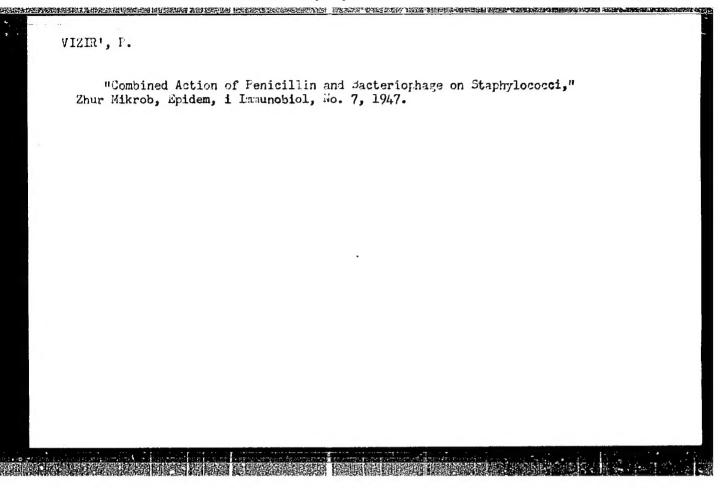
Mikrobiol. zhur. 25 no.1:52-62 '63. (MIRA 17:5)

VIZIR', P.Ye. [Vizir, R.IE.]; CHEBOTAREVA, M.Ye. [Chebotar'ova, M.IU.]

Change in the capacity of typhoid bacteria for syrthesizing tryptophan during DNA assimilation. Mikrobiol.zhur. 24 no.3:3-8 (MIRA 15:8)

1. Institut mikrobiologii AN ukrSSR.
(SALMONELLA) (TRYPTOPHAN) (NUCLEIC ACIDS)



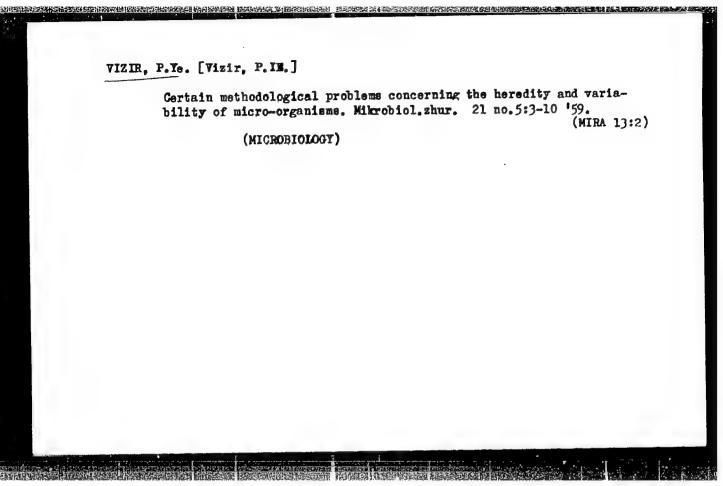


WIZIE¹, P.Ye. Resistance of Staphylececcus pyegenes te penicillin in vitre, Mikrebiel.zhur. 9 no.2/3:105-114 '48. (MIRA 9:9) 1. Ix etdels bakteriefagii (zav. etdelem - B.I.Kleyn) Instituts mikrebiclogii imeni akademika D.K.Zabeletnoge Akademii nauk USSR. (STAPHYLOCOCCUS) (PENICILLIN)

VIZIR', P.Ye.

Neture of the action of penicillin on the microbe cell (Staphylococcus pyogenes) in an in vitro experiment. Mikrobiol.zhur. 9 no.4: 98-108 *48. (MIRA 9:9)

1. Iz otdela bakteriofagii (zav. otdelom - B.I.Kleyn) Instituta mikrobiologii imeni akademika D.K.Zabolotnogo Akademii nauk USSR. (PENICILLIN) (STAPHYLOCOCCUS)



VIZIR', P. YE.

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SO: U-4329, 19 August 53, (Letonis 'Zhurnal 'nykh Statey, No. 21, 1949).

Brilliant 14 no.4:3	contribution to	o the Marxist a	and Leninist	science.	Mikrobiol.zhur (MIRA 6:11) (Biology)
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energe KATA	Directed product biol.zhur. 14 no	tion of antibio	tics against the	typhoid fever	bacillus. (MIRA 6
	1. Z Institutu 1	mikrobiologii	Akademii nauk URSA (Antibiotics)	(Typhoid fer	er)

Wizir, P.ye.

USSR / Microbiology. General Microbiology.

F-1

Abs Jour: Referat Zh.-Biol., No 6, 25 March, 1957, 21788

Author

: Vizir

Inst Title

: New Data on Bacterial Multiplication (on materials studied in

the laboratory of the I. Malek Academy, Czechoslovak Academy

of Sciences).

Orig Pub: Mikrobiologichniy zh., 1956, 18, No 2, 55-57

Abstract: No abstract.

Card : 1/1

-3-

VIZIR, P.Ye.; MARUSENKO, T.A.

Synergism of the effect of penicllin and of a specific bacteriophage on Breslau infection in white mice. Mikrobiol.shur. 14 no.4:29-35 '52. (MLRA 6:11)

1. Z Institutu mikrobiologii Akademii nauk URSR. (Penicillin) (Bacteriophagy)

VIZIR, P.E.; SHUR-SHUL TTS, V.M.; PASECHNIK, A.M. Variability of nicroorganisms during assimilation of bacterial

products. Report No.1; General biochemical and serological characteristics of variants. Mikrobiol. zhur. 15 no.3:3-16 153. (MLRA 8:1)

1. Z Institutu mikrobiologii AN URSR.

(BACTERIA,

*variability, biochem. & serol. properties of variants)

CIA-RDP86-00513R001860210007-6" APPROVED FOR RELEASE: 03/14/2001

VIZIR P.H

Against hasty interpretations. Mikrobiol. zhur. 15 no.3:68-71 153.
(MIRA 8:1)

1. Z Institutu mikrobiologii AN URSR. (BACTERIA)

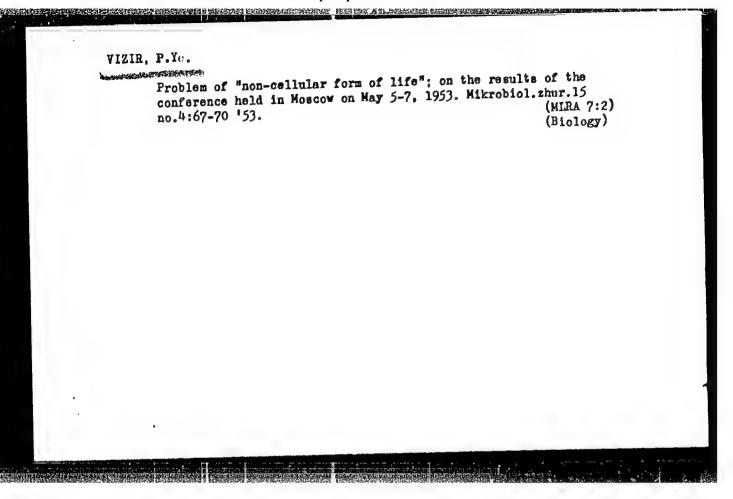
VIZIR, P.Ye.; PASICHNIK, A.M.; SHUR-SHUL'TS, V.M.

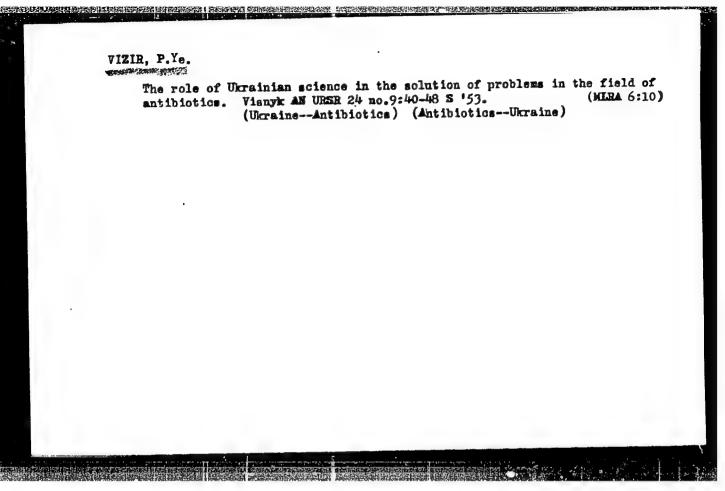
Variation of microorganisms under the feect of assimilation of microbal products. Second report: Biological characteristics of paratyphoid-like variations. Mikrobiol.zhur. 15 no.4:3-13 '53.

(MIRA 7:2)

1. Z Institutu mikrobiologii Akademii nauk Ukrains'koi RSR.

(Microorganisms) (Escherichia coli)





VIZIR. P. E.

USSR/Biology - Bacteriology

Card 1/1

: Pub. 138 - 5/11

Authors

Vizir, P.E.

Title

On the entogenesis of bacteria

Periodical

Visnik AN URSR, 8, 42-50, Aug 1954

Abstract

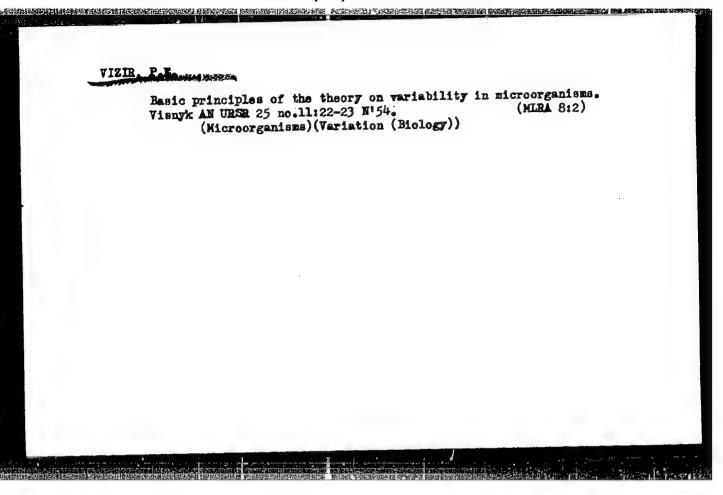
The difficulties involved in studying the evolution (ontogenesis) of bauteria, are discussed. The achievements of Ukrainian bacteriologists, working under the guidance of the Soviet Academy of Sciences, are described.

Institution

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Submitted

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VIZIR', P. Ye., daktor meditsinskikh nauk, redaktor; SNEZHIN, M.I., redaktor;

HARHLINA, a.P., tekhnicheskiy redaktor

[Microcide and its use] Mikrotsid i ego primenenie. Kiev. 1955.
150 p.

1. Akademiya mauk URSR, Kiyev, Institut mikrobiologii.

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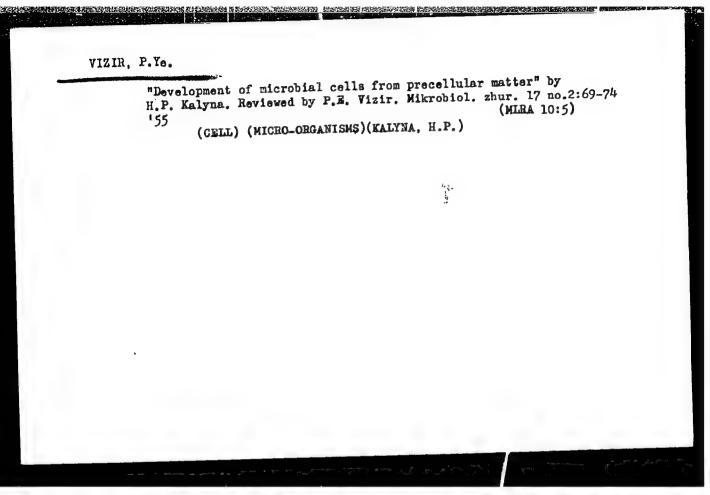
VIZIR, P. Ye.; PASICHNIK, A.M.; SHUR-SHUL'TTS, V.M.

Filtrable forms of Bact. breslau. Report No. 2: Brief biological

characteristic of cultures during the process of regeneration.
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1. Z Institutu mikrobiologii AN URSR. (SAIMONELIA,

typhimurium, filtrable forms, regen.) (Uk)



VIZIR. P.Yo.: PASICHNIK, A.M.; SHUR-SHUL'TTS, V.M.

Filtrable forms of Bact. breslau. Report Ho.1: Method of producing and regenerating filtrable forms. Mikrobiol. zhur. 17 no.2:7-10 (MLRA 10:5)

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(SALMONELLA, culture,
typhimurium, prod. of filtrable forms) (Uk)

VIZIR, P.Ye.; PASICHNIK, A.M.; SHUR-SHUL'TTS, V.M.

Effect of assimilation of microbial products on variability in micro-organisms. Report No.III. Effect of forced assimilation of complete antigen, nucleoproteins, and desoxyribonucleic acid of the Bacterium breslau cell on the variability of Bacterium coli.

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variability, eff. of forced assimilation of prod. of Salmonella breslau) (Uk)

(SAIMONELIA, typhimurium products, eff. of forced assimilation on E. coli variability) (Uk)

VIZIR', Petr Yeytikhiyayich; DROBOT'KO, V.C., akademik, otvetstvennyy
redaktor; Markov, V.I., redaktor izdatel'stva; ROZENTSVEYO, Ye.N.,
tekhnicheskiy redsktor

[Induced variability in bacteria] Indutsirovannaia izmenchivost'
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1. Akademiya nauk USSR (for Drobot'ko)
(BACTERIA)

VIZIR', P.Ye. [VIZIR, P.IE.]. ANDREYUK, K.I. [ANDRIIUK, K.I.]. PASZCHNIK, A.M. [PASICHNYK, A.M.]

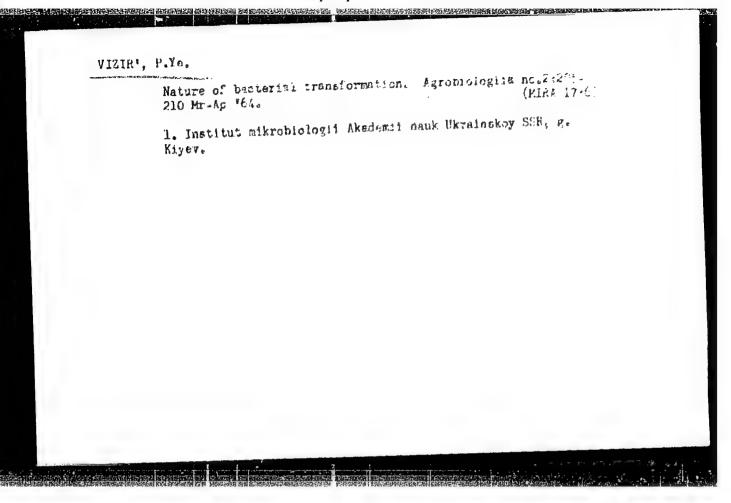
Filtrable forms of Bactarium Breslam. Report No.3: Biological properties of regenerated (secondary) cultures. Mikrobiol.shur. (MIRA 11:9)

1. 2 Institutu mikrobiologii AN UHSR. (SALMONELLA)

VIZIR, P.Ye. [Vizir, P.IE], SHAKHRAY, V.Ya. [Shakhrai, V.IA]

Role of filterable forms of pathogenic bacteria in the pathogenesis and immunogenesis of infections. Mikrobiol. zhur. 20 no.3:42-48 (MIRA 11:11)

1. Iz Instituta mikrobiologii AN USSR. (BACTERIA, PATHOGENIC)



VIZIR', P.Ye. [Vizir, P.IE]; CHEBOTAREVA, M.Ye. [Chebotar'ova, M.IU.]

Transformation of Bact, paracoli and Bact, coli under the influence of heterogenous bacterial products under experimental conditions in vivo. Mikrobiol. zhur. 26 no.1:3-8 '64. (MIRA 18:11)

1. Institut mikrobiologii AN UkrSSR.

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1. Institut mikrobiologii i virusologii AN UkrSSR.

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GULYY, M.F., akademik, otv. red.; BELITSER, V.A., red.;
GERSHENZON, S.M., red.; GOL'DSHTEYN, B.I., red.;
VIZIR, P.Ye., red.; TROITSKIY, G.V., red.; MARTYNENKO,
F.P., red.; YANKOVSKAYA, Z.B., red.

[Proteins in medicine and the national economy; blood proteins, glucose oxidase] Belki v meditsine i narodnom khoziaistve; belki krovi, gliukozocksidaza. Kiev, Naukova dumka, 1965. 247 p. (MIRA 18:5)

1. Simpozium po voprosam proizvodatva i primeneniya glyukozooksidazy. Kiev, 1964. 2. Krymskiy meditsinskiy institut, Simferopol' (for Troitskiy). 3. Institut biokhimii AN Ukr.SSR, Kiev (for Gulyy).

VIZIR, P.Ye. [Vizir, P.IE.]; CHEBOTAREVA, M.Ye. [Chebotar'ova, M:IU.]

Dynamics of autoinfection in white mice following X irradiation.
Fiziol. zhur. [UKr.] 6 no.61815-818 N-D '60. (HIRA 14:1)

1. Institute of Microbiology of the Ukrainian S.S.R. Academy of Sciences.

(X RAYS---PHYSIOLOGICAL EFFECT) (INFECTION)

VIZIR', P.Ye. [Vizir, P.IE.]; SHEVCHENKO, A.A.

Effect of low temperatures on actinomycetes in the early period after seeding. Mikrobiol. zhur. 22 no. 1:40-46 160.

(MIRA 13:10)

1. Institut mikrobiologii AN USSR.
(ACTINOMYCES) (COLD—PHYSIOLOGICAL EFFECT)

RASHBA, Yelena Yakovlevna; VIZIR, P.Ye. [Vizyr, P.IE.], doktor biol. nauk, otv. red.; SKUTS'KA, N.P., red. izd-va; LISOVETS, O.M. [Lysovets', O.M.], tekhn. red.

[Biology and biochemistry of the alcaligenic bacteria of the intestinal group] Biologiia i biokhimiia luhoutvoriuiuchykh bakterii kyshkovoi grupy. Kyiv, Vyd-vo Akad.nauk URSR, 1961. 130 p. (MIRA 15:7)

(Alcaligenes faecalis)

VIZIR, P.Z. (Apsheronsk, Krasnodarskogo kraya, ul. Voroshilova, d. 55.

KV. 4)

Tor ion of the gall bladder. Vest.khir. 82 no.2:98 F '59.
(MIRA 12:2)

1. Is khirurgicheskogo otdeleniya (xav. - P.Z. Vizir) Apsheronskoy rayonny bol'nitsy (glavnyy vrach - V.V. Mel'kovskiy) Krasnodarskogo kraya.
(GALL BLADDER--ABNORMITIES AND DEFORMITIES)

PETROV, Yu.K., VIZIR', V.A.; PESHKOV, A.V.

Use of a ballistic galvanometer in measuring the absolute value of the amplitude of a pulsed magnetic field. Izv.
TPI 122:94-95 *62. (MIRA 17:9)

VIZIR, V. A.

36724. Podgotovka Inzhenernykh Kadrov Dlya Promyshlemvocti Silikatov i Stroitel nykh Katerialov. Trudy Kievsk. Tekhnol In-Ta Silikatov, T II, 1949, s. 3-5.

SO: Letopis' Zhurnal'nykh Statey Vol. 50, Moskva, 1949

15(2) AUTHORS: Vizir, V. A., Sivchikova, M. G., Safonova, V. Z., Sen', Z. P.

807/72-59-4-9/21

TITLE:

On the Production of Porcelain and Faience Products by Means of the Method of Pressing (Izgotovleniye farforovykh i

fayansovykh izdeliy sposobom pressovaniya)

PERIODICAL:

Steklo i keramika, 1959, Nr 4, pp 31 - 34 (USSR)

ABSTRACT:

Nauchno-issledovatel skaya laboratoriya Upravleniya farforofayansovoy i stekolinoy promyshlennosti Kiyevskogo sovnarkhoza (The Scientific Research Laboratory of the Administration of the Porcelain-Crockery- and Glass Industry of the Kiyev Sovnarkhoz carried out experiments for testing the production possibilities of flat products by means of the method of pressing from semi-dry fine-ceramic masses. Due to this method the production processes were considerably reduced. In the course of the experiments the optimum humidity and granulation of the press masses as well as the conditions of pressing and burning were determined. In table 1 the compositions of the test masses are given and in table 2 the binding organic additions. The degree of

Card 1/2

On the Production of Porcelain and Faience Products by SOV/72+59-4-9/21 Means of the Method of Pressing

compression in dependence of the amount of the pressure applied and humidity of the pressing powder is represented in figure 1. The dependence of the breaking strength on the specific pressure and the humidity of the mass for dried samples is represented in figure 2 and for burnt samples in figure 3. The quality and strength of the products which were prepared by the method of pressing do not differ from those produced by plastic formation (Table 3). In figure 4 plates are shown which were produced by the method of pressing. The experiments showed that it is possible to produce flat household appliances by means of the method of pressing from ceramic powder masses with a humidity of 8 to 12% and a specific pressure of 450 to 550 kg/cm². There are 4 figures and 3 tables.

Card 2/2

VIZIN, V. A.

36725. Fil'try i Aerolithyre Indeliya Ez Silikatuyan Rans. Trudy Rievsk Johanna In-Ta Silikatov, T. II, 1949, s. 11-21.

06: Letopis' Khurnal'nykh Statey Vol. 50, Noshva, 1949

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ACCEDITION NEW APPRIARY 13 DE LA FRANCIS DE

SOURCE: Ref. zh. Fizika, Abs. 112560

AUTHOR: Petrov. Yu. K.; Vizir', V. A.; Peshkov. A. V.

TITLE: Measurement of the absolute value of the amplitude of a pulsed magneti-

ivid woing a ballicito garanymotel

CITED SOURCE: Izv. Tomskego politekhn. in-in, v. 132, 1362, 94-95

TOPIC TAGS: pulsed magnetic field, magnetic field, amplitude, balliatic galvanometer, pulse amplituee, pristived news throughtness coeld transducer

TRANSLATION: To measure the amplitude of the value of a mingle pulse of a magnetic

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iZIR

USSR/ Engineering - Ceramic production

Card 1/1 Pub. 104 - 8/12

Authors

: Vizir, V.A., and Obolochnik, V.A.

Title

The state of the s : Manufacturing architectural decorative-ceramics by means of vibration-

pressing

Periodical : Stek. i ker. 5, 23-26, May 1954

Abstract

! A description is given of experiments conducted by the Technological Institute for Silicates in Kiev, on manufacturing architectural decoravive-ceramics by means of vibration-pressing. Technical data specifying the type of equipment and forces used in the above mentioned pressing are presented, together with a chemical breakdown of the ceramic materials. Illustrations; tables; drawings.

Institution:

Submitted:

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EWT(m)/BDS/ES(w)-2 AFFTC/ASD/SSD Pab-4 L 11387-63 \$/120/63/000/002/029/041 Vizir', V. A., Kuz'min, V. N., and Petrov, Yu. K. AUTHOR: Measurement of the pulsed magnetic field in a synchrotron by the TITLE: induction method Pribory i tekhnika eksperimenta, March-April 1963, v. 8, no. 2, PERIODICAL: 137-139 The article describes an instrument for conducting relative measurements of the instantaneous values of the field strength of the pulsed magnetic field in a synchrotron. Special design features reduce the transients in the measuring circuit from 5 m sec to 50 % sec, which makes it possible to measure the dynamic component of the field in the 50-10,000 oersted range with an accuracy of ± 0.005 percent. This is a considerable improvement over other contemporary instruments. There are three figures. ASSOCIATION: Nauchno-issledovatel'skiy institut yadernoy fiziki, elektroniki i avtomatiki pri TPI (Scientific-Research Institute for Nuclear Physics, Electronics, and Automation at the Tomsk Polytechnic Institute) May 8, 1961 (resubmitted April 25, 1962) SUBMITTED: Card 1/1 Ja/ll

VIZIR', V.A.: KUZ'MIN, V.N.; PETROV, Yu.K.

Induction method for measuring the pulse magnetic field in a synchrotron. Prib. i tekh. eksp. 8 no.2:137-139 Mr-Ap '63. (MI.A 16:4)

l. Nauchno-issledovatel'skiy institut yadernoy fiziki, elektroniki i avtomatiki pri TPI.

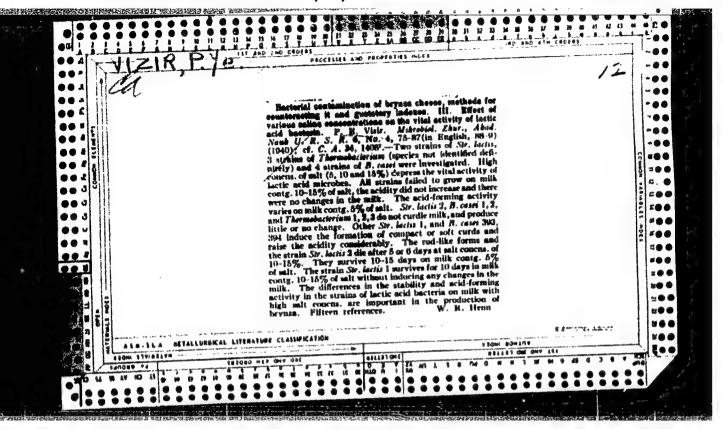
(Synchrotron) (Magnetic measurements)

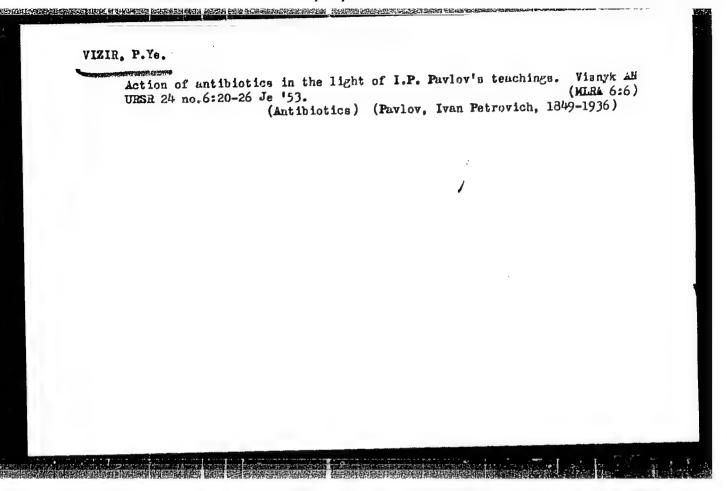
VIZIR. V.A., redaktor; BUDNIKOV, P.P. [reviewer].

"Transactions of the Kiev Technological Silicates Institute of the U.S.S.R.

"Initial Silicates Institute of the U.S.S.R.

Ministry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir, ed. Reviewed by P.P. BudMinistry of Higher Education, vol. 3." V.A.Vizir





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VIZIR', P. Ye.

"The directed preparation of an antibiolic effective against the typhoid bacillus." Mikrobiolog. Zhrunal, Vol. 14, No. 3, 1952, pp. 3-8

VIZIR', P. Ye.; and Zhembrovskaya, L. I.: "Determination of the concentration of penicillin in human blood." Mikrobiolog. Zhurnal, Vol. 11, No. 4, pp. 81-88, Feb. 1950

"Bacterial contamination of brynza cheese, methods for counteracting it and gustatory indexes. III. Effect of various saline concentrations on the vital activity of lactic acid bacteria." Mikrobiol. Zhur., AN SSSR, Vol. 6, No. 4, pp. 75-87, 1940

"Combined action of penicillin and bacteriophage on staphylococci." Zhur. Mikrobiol., Epidem., i Immunobiol., No. 11, p. 69, 1948

BFB

VIZIR', P. Ye.	USSR/Medicine - Antibiotics (Contd) (Contd) (Strain 2/4), this method permits one to det penicillin in blood in the range of 0.03-4 units per 1 ml, which is sufficient for clinical purposes.	Proposes method for detg penicillin concn in a glucose (1%)-citrate (0.5%) bouillon to which low of serum has been added. Method is simple and reliable. It can be used for detg concn of penicillin not only in blood serum, but also in urea, cillin not only in blood serum, but also in urea, exudates, etc. With a sp strain of streptococci	USSR/Medicine - Antibiotics USSR/Medicine - Antibiotics "Determination of the Concentration of Penicillin "Determination of the Concentration of Penicillin in Human Blood," P. Ye. Vizir', L. I. Zhembrov- in Human Blood," P. Ye. Vizir', L. I. Zhembrov- skaya, Inst Microbiol imeni Acad D. K. Zabolotnyy, Acad Sci Ukrainian SSR
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VIZIA, Vastily Alesteyevica; Edicivit, Eleker Tekreyerich;

GARHOV, Van., Pera

[Cerumic colors] Keremicheskie kraski. Kiev, Tekon ka,
1964. 254 p. (Mich 18.1)

L 27692-66

ACC NR: AP6012699

SOURCE CODE: UR/0119/66/000/004/0001/0003

AUTHOR: Vizir, Yu. V. (Engineer)

ORG: none

TITLE: Analysis of a two-position temperature controller based on a self-excited oscillator

SOURCE: Priborostroyeniye, no. 4, 1966, 1-3

TOPIC TAGS: temperature control, temperature controller, thermostat

ABSTRACT: A theoretical and experimental analysis is presented of a temperature controller that has an asymmetrical bridge circuit in the feedback of a transistorized oscillator; the temperature sensor makes one of the bridge arms, thus starting and stopping oscillations (and an output relay) in response to very small temperature changes. Formulas describing self-oscillation conditions, sensitivity, and stability of the controller are derived. An experimental hookup showed a sensitivity of 0.05C or better and a critical-feedback drift of 0.5C for an ambient-temperature variation of 20-50C; no drift was detected on a supply-voltage variation of 20%. These conclusions are offered: (1) the maximum controller sensitivity depends on transistor parameters and may reach 0.0% sensor resistance; (2) The minimum critical-feedback drift is 0.% sensor resistance for an ambient-temperature variation of 20-50C; (3)Using average transistor parameters and no matching, the controller drift will be 0.5% sensor resistance. Orig. art. has: 3 figures and 23 formulas.

SUB CODE: 13, 09 / SUBM DATE: none / ORIG REF: 005

Card 1/1 CC

UDG: 62.551.3:62.533:621.373.5:621.373.421

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860210007-6

L 38741-66 ACC NR. AP6025080

SOURCE CODE: UR/0115/66/000/006/0088/0089

AUTHOR: Vizir, Yu. V.; Shkurenko, L. G.

ORG: none

TITLE: Temperature regulator for semiconductor measuring circuits

SOURCE: Izmeritel'naya tekhnika, no. 6, 1966, 88-89

TOPIC TAGS: transistorized circuit, temperature regulator, thermostat

ABSTRACT: A temperature regulator for semiconductor circuits has been developed. The regulator is designed to work in a miniature thermostat together with the circuitry which is to be regulated. The regulator consists of an oscillator with a bridge network in its feedback circuit (see Fig. 1). Thermistor R_t in one of the

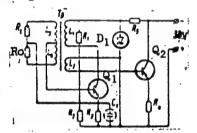


Fig. 1. Temperature regulator.

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UDC: 662.927:621.382.2/3

L 18711-06 ACC NRI AP6025080

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arms of the bridge touches transistor Q_2 , whose function is to heat the thermistor. Depending on the polarity of the bridge unbalance voltage, the feedback is either positive or negative, driving the oscillator either into oscillation or cut-off. If the oscillator is cut off, transistor Q_2 is non-conducting. If the oscillator is on, transistor Q_2 is biased by the rectified voltage of diode D_1 and heats the thermistor to a given temperature (until the bridge is balanced). At that point, oscillations cease and Q_2 ceases to conduct. The experimental results showed that with outside temperature changes from 0 to 40C, the temperature inside the thermostat was 42.3C with an error of $\pm 0.05C$. The size of the regulator is 2 cm^3 . The device performs stably at a variation of the supply voltage of $\pm 20\%$. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 003/ ATD PRESS:5048

Card 2/2

VIZIRENKO, I., podpolkovník

Checking the frequency calibration and aetting of radio stations
hy an IK-1 instrument. Voen. sviaz. 16 no. 6:30-31 Je '53.

(NIRA 11:7)

(Radio stations, Shortwave--Testing)

KOVRIGIN, A.V.; VIZIROV, B.N.; VOIKOVA, F.M.

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Paratyphoid diseases. Veterinariis 41 no.8:33-34 Ag '64. (MIRA 18:6),

1. Zaveduyushchiy Veterinarnym otdelom Tapolnitel'nogo komiteta

Goraffe desulator trudyashchikhsya (for

T. Zaveduyushchiy Veterinarnym otdelch ispolitical ricgs komited Piskovskogo gorodskogo Soveta deputatov trudyashchikhsya (for Kovrigin). 2. Starshiy veterinarnyy vrach Veterinarnogo otdela Ispolnitelinogo komiteta Moskovskogo gorodskogo Soveta deputatov trudyashchikhsya (for Vizirov). 3. Zaveduyushchaya bakteriologicheskim otdelcm Moskovskoy veterinarnoy laboratorii (for Volkova).

PETUKHOVSKIY, A.A.; TIMOSHKOV, V.V.; SOLOMATOVA, N.A.; VIZIROV, B.N.

Results of the control of murine rodents and flies on

Moscow livestock farms. Gig. i san. 28 no.7:97 J1 '63.

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HRUYEVICH, H.G.; DOSTUPOV, B.G.; LYUBIMOVA, T.M., red.; VIZIROVA, V.V., red.; BELYAYEVA, V.V., tekhn. red.

[Principles of the theory of computers] Osnovy teorii schetno-reshaiushchikh ustroistv. Moskva, "Sovetskoe radio," 1964. 817 p. (MIRA 17:3)

CHERNE, Khaim Isaakovich; KHRUPOV, P.G., otv. red.; VIZIROVA, V.V., red.; MARKOCH, K.G., tekhn. red.

[Inductive couplings and transformations in electric filters; principal theoretical problems] Induktivnye sviazi i transformatsii v elektricheskikh fil'trakh; osnovnye voprosy teorii.

Moskva, Sviaz'izdat, 1962. 315 p. (MIRA 15:8)

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[Electronic amplifiers] Elektronnye usiliteli. Moskva,
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Constructing the Yaroslavl petroleum refinery. Prom. stroi. 37 no.11: 18-21 N *59. (MIRA 13:2)

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VIZIRYAN, G.V.

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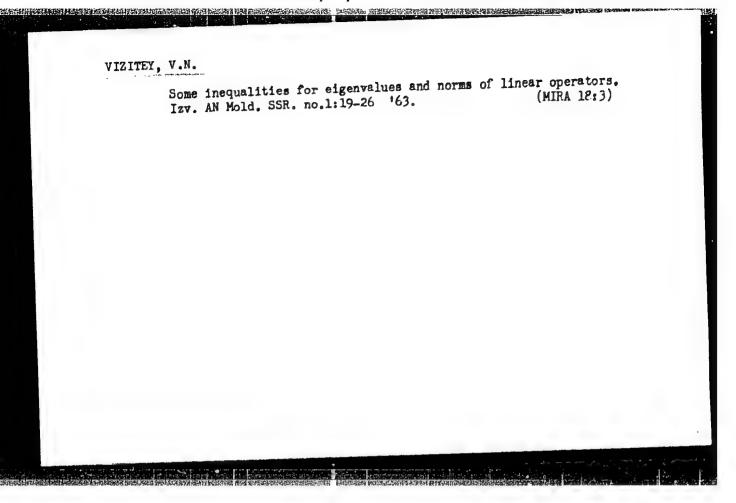
1. Upravlyayushchiy trestom No.5 Yaroslavskogo soveta narodnogo khozyaystva.

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VIZITEY, V.N.; MARKUS, A.S. (Kishinev)

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l. Kafedra mikrobiologii Kishinevskogo gosudarstvennogo meditsinskogo instituta i sektor epidemiologii Moldavskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny. (HEPATITIS, INFECTIOUS)

STAROSTENKO, N.T.; SHLYAKHOV, E.N.; DROBINSKIY, I.R.; BONDURYANSKIY, I.P.;

VIZITIU, A.F.; SHROYT, I.G.; ZHITAR', V.D.; KOROVINA, T.V.;

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Botkin's epidemic hepatitis in Moldavia and measures for its control. Zdravookhranenie 5 no.3:33-38 My-Je '62. (MIRA 16:1)

1. Iz kafedry fakul'tetskoy terapii, infektsionnykh bolezney, mikrobiologii, gospital'noy terapii Kishinevskogo meditsinskogo instituta (rektor - dotsent N.A.Testemitsanu), Moldavskogo instituta epidemiologii, mikrobiologii i gigiyeny (direktor - dotsent N.N.Yezhov) i Kishinevskogo gorodskogo otdela zdravo-okhraneniya zav. - P.P.Kozishkurt). Nauchnyy rukovoditel' zasluzhennyy deyatel' nauki prof. N.T.Starostenko. (MOLDAVIA--HEPATITIS, INFECTIOUS)

RUMANIA

Dr E. PALAMARU and Dr Fr. POPESCU, Animal Husbandry Research Institute (Institutul de cercetari zootehnice) and Ing V. VIZITIU, Animal Husbandry Experimental Station (Statiunea experimentals zootehnica) Slobozia.

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Abstract [English summary modified]: Study of 5 feed additives containing oxytetracycline and various vitamins; essentially identical with US commercially available preparations (TM-10, Terramycin Egg Formula, TM-10 + Vigofac; Terramix; TM-3) in chickens: mortality decreased 15 to 50%; feed consumption required to produce 1 Kg. gain decreased to between 70 and 94% of controls. Intra-treatment group differences were small. Four tables; 2 Rumanian, 2 German, 1 Soviet reference.

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Modern measurements for determing the degree of thickness in earthworks and their reflection in the "Technical regulations for earthworks in road building" of Germany/ p. 43. (Ceste I Mostovi, Vol. 5, no. 2, Feb. 1957, Yugoslavia)

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VIZJAK, P. Selection of surface for medern highways. p. 297.

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MIKES, Andrija, Dr.; KROPEJ, "ida, Dr.; YIZJAK, Nevenka, Dr.

Medical treatment of essential hypertension. Med. arh.,
Sarajevo 10 no.1:93-102 Jan-Feb 56.

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(Ser))

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(BONE DISEASES, case reports periostosis, generalized (Hun))

VIZKELETY, Cyula, dr.

Instrumental removal of calculi from the urster. Magy. sebeszet 9 no.2:132-135 Apr 55.

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(CALCULI, urster, extraction.)

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Prevention of recurrent urate calculi and their therapy. Orv. hetil.
103 no.31:1457-1458 5 Ag '62.

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Semiautomatic welding of soft steel under carbon dioxide protective gas. p.245. GEP. Budapest, Hungary. Vol. 11, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

BARABAS, Caaba, Dr.; VIZKELETY, Tibor, Dr.

Significance of the early detection of epiphysiolysis of the femur head in adolescence. Orv. hetil. 99 no.32:1106-1109 10 Aug 58.

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"Slipping of the Head of Femur in Adolescents"

Budapest, Magyar Traumatologia, Orthopaedia es Helyreallito Sebeszet, Vol 6, No 3, 1963; pp 185-192.

Abstract [Authors' English summary]:

The authors call attention to the importance of early diagnosis and treatment of epiphyseolysis capitis femoris. They performed epiphyseodesis with Smith—Petersen nails without reposition in such in 20 cases conditions. The authors observed the ready ossification of the cartilanigous disk, after the operation. Accomplishment of the epiphyseodesis is justified in all cases when the increase of slipping may be expected and the operation can be yet be performed.

[20 references, mainly Western].

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"The Part Played by Static Dynamic Effects in the Development of the Arthrosis of the Foot"

Budapest, Magyar Traumatologia, Orthopsedia es Helyreallito Sebeszet, Vol 6, No 3, 1963; pp180-184.

Abstract [Authors' English summary]:

The authors investigated experimentally the functional changes of the foot and that ones of its form rained by load. They established that the forces acting upon the foot are bringing about typical changes on the os naviculare, and on the articulatio talonavicularities, resp. on the articulatio naviculorimeitorims. These changes may only be found in cases of arthroses resulting from static and dynamic effects while in cases of arthrosis of the foot developing as a part of general arthrosis the changes are of an other character.

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VOZNYY, V.P.; VIZNER, P.F., nauchnyy sotrudnik; MESHKALLO, V.M.

Collector of lumbering waste and noncommercial wood in cleaning the bed of reservoirs. Trudy VSNIPHLesdrev no.8:14-21 '63.

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1. Nachal'nik laboratorii mekhanizatsii lesosechnykh rabot Vostochno-Sibirskogo nauchno-issledovatel'skogo i proyektnogo instituta lesnoy i derevoobrabatyvayushchey promyshlennosti (for Voznyy).

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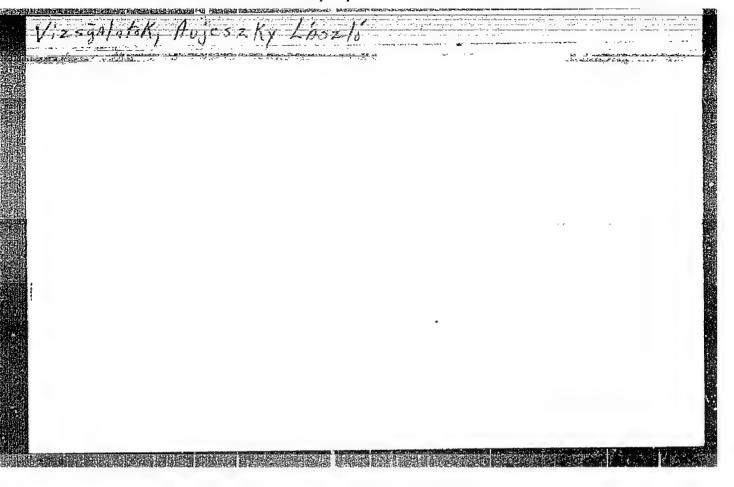
(ABNORMALITIES etiol) (AMNION)
(ADHESIONS in pregn)

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